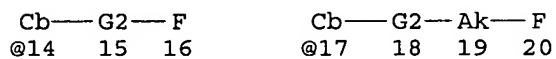
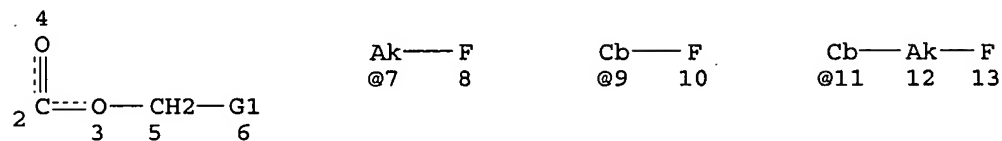


VAR G1=7/15/23
 NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RSPEC 9 22
 NUMBER OF NODES IS 26

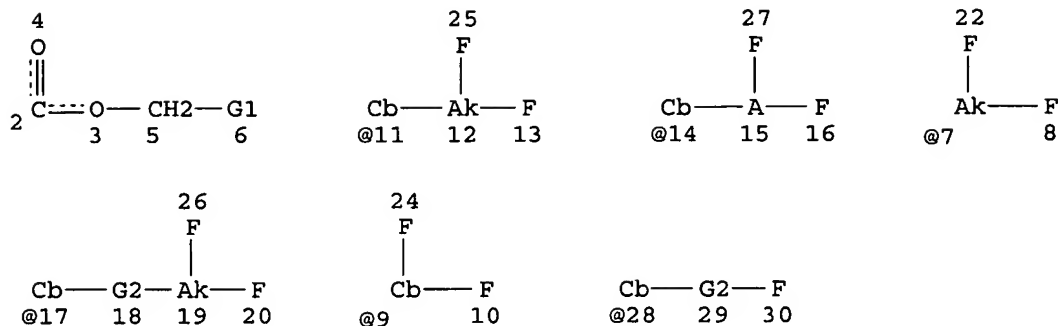
STEREO ATTRIBUTES: NONE
 L36 SCR 1968
 L38 35612 SEA FILE=REGISTRY SSS FUL L35 AND L36
 L39 STR



VAR G1=7/9/11/14/17
 VAR G2=O/S/N/C
 NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR. EMBEDDED
 NUMBER OF NODES IS 19

STEREO ATTRIBUTES: NONE
 L41 7096 SEA FILE=REGISTRY SUB=L38 SSS FUL L39
 L42 STR



VAR G1=7/9/11/14/17/28

VAR G2=O/S/N/C

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

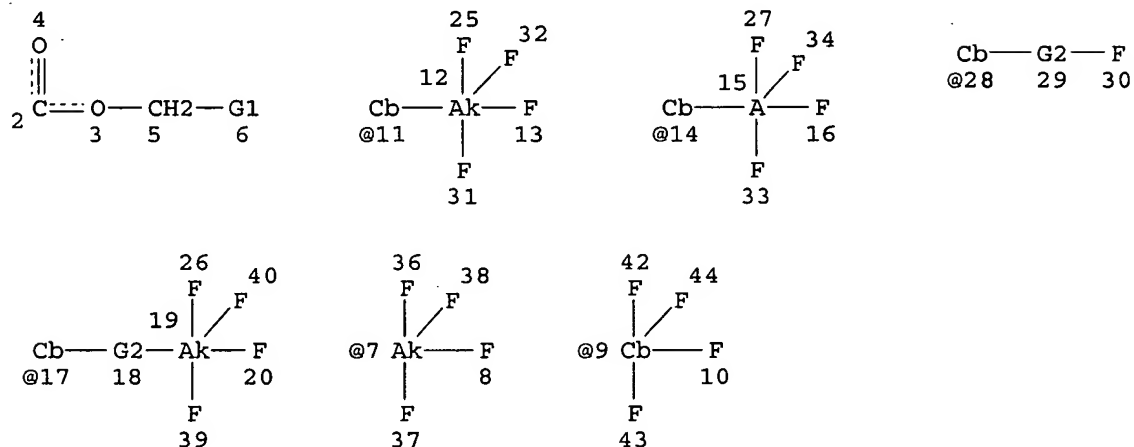
RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 27

STEREO ATTRIBUTES: NONE

L44 4708 SEA FILE=REGISTRY SUB=L41 SSS FUL L42

L45 STR



VAR G1=7/9/11/14/17/28

VAR G2=O/S/N/C

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 37

STEREO ATTRIBUTES: NONE

L47 3542 SEA FILE=REGISTRY SUB=L44 SSS FUL L45

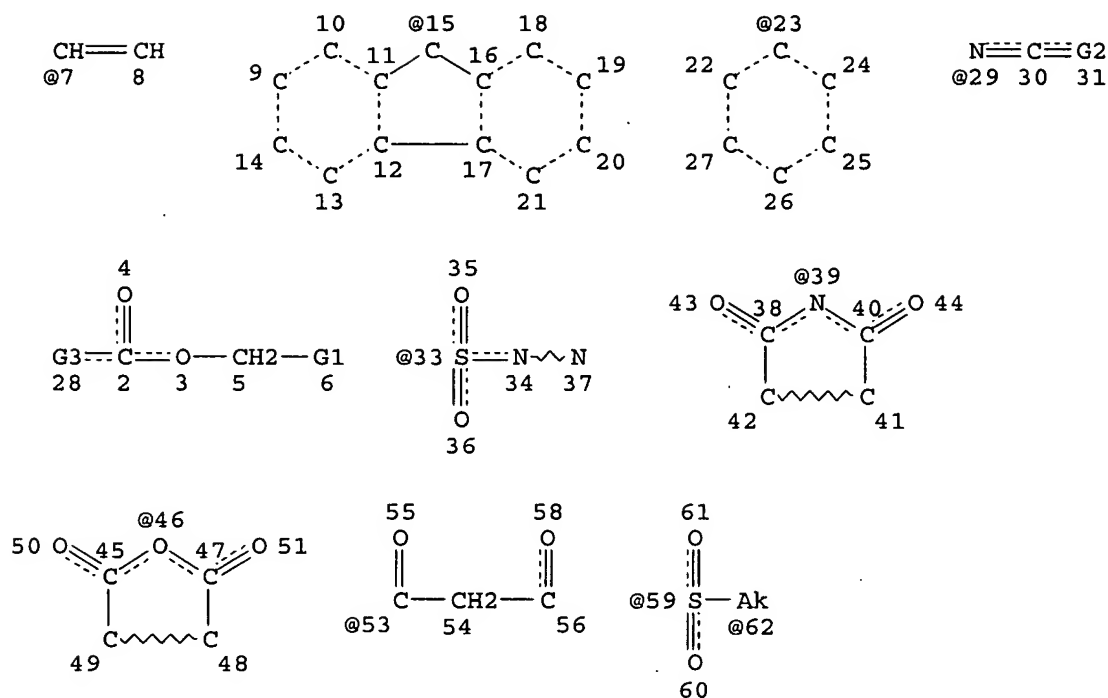
L48 3179 SEA FILE=REGISTRY ABB=ON PLU=ON L47 NOT (PMS OR MXS)/CI

L49 72 SEA FILE=REGISTRY ABB=ON PLU=ON L48 AND NC4/ES

L50 6 SEA FILE=REGISTRY ABB=ON PLU=ON L49 AND (C18H14F9NO5 OR C20H14F13NO5 OR C23H14F19NO5 OR C22H14F17NO5 OR C29H18F17NO5 OR C13H10F3NO5)

L54

STR



VAR G1=7/15/23

VAR G2=O/S

VAR G3=X/59/62/33/29/53/39/46

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC 9 22 38 45

NUMBER OF NODES IS 58

STEREO ATTRIBUTES: NONE

L57 130 SEA FILE=REGISTRY SUB=L38 SSS FUL L54

L58 23 SEA FILE=REGISTRY ABB=ON PLU=ON L57 AND L41

L59 3 SEA FILE=REGISTRY ABB=ON PLU=ON L58 AND (C19H12CLF17O2 OR C18H8CLF17O2 OR C18H10CLF17O2)

L60 9 SEA FILE=REGISTRY ABB=ON PLU=ON (L50 OR L59)

=> d his l60-

(FILE 'REGISTRY' ENTERED AT 07:13:23 ON 12 APR 2005)

L60 9 S L50,L59

SAV TEMP L60 SHIAO617A5/A

L61 7 S L60 NOT L26

FILE 'HCAOLD' ENTERED AT 07:55:25 ON 12 APR 2005

L62 0 S L61

FILE 'HCAPLUS' ENTERED AT 07:55:28 ON 12 APR 2005

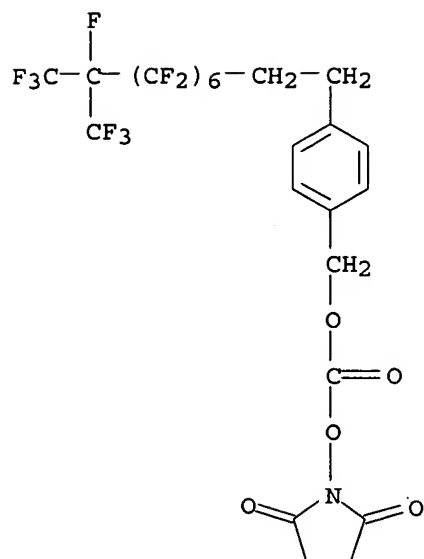
L63 6 S L61

L64 1 S L63 AND L1-L12

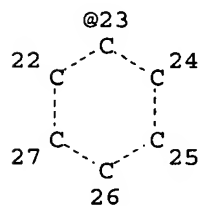
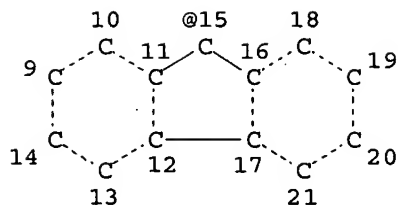
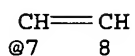
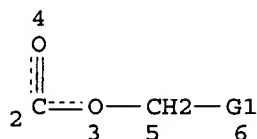
L65 4 S L63 AND (PD<=20020711 OR PRD<=20020711 OR AD<=20020711)

L66 5 S L64,L65

L67 1 S L63 NOT L66



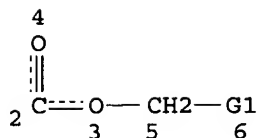
=> => d sta que 180
L35 STR



VAR G1=7/15/23
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC 9 22
NUMBER OF NODES IS 26

STEREO ATTRIBUTES: NONE
L36 SCR 1968
L38 35612 SEA FILE=REGISTRY SSS FUL L35 AND L36
L77 STR



Cb—Si—F
@14 15 16

Cb—Si—Ak—F
@17 18 19 20

VAR G1=14/17

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 12

STEREO ATTRIBUTES: NONE

L78 12 SEA FILE=REGISTRY SUB=L38 SSS FUL L77

L79 3 SEA FILE=REGISTRY ABB=ON PLU=ON L78 AND 1/CL

L80 1 SEA FILE=REGISTRY ABB=ON PLU=ON L79 AND C32H18CLF3902SI

=> d his l80-

(FILE 'REGISTRY' ENTERED AT 07:57:42 ON 12 APR 2005)

L80 1 S L79 AND C32H18CLF3902SI

FILE 'HCAPLUS' ENTERED AT 08:08:54 ON 12 APR 2005

L81 2 S L80

=> d all hitstr tot

L81 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2005 ACS on STN

AN 2004:57304 HCAPLUS

DN 140:127844

ED Entered STN: 23 Jan 2004

TI Preparation of fluorinated silica gel support material for palladium catalyzed coupling reactions

IN Bannwarth, Willi; Tzschucke, Carl Christoph; Glatz, Heiko; Schwinn, Dominik

PA Albert-Ludwigs-Universitaet Freiburg, Germany

SO Ger., 19 pp.

CODEN: GWXXAW

DT Patent

LA German

IC ICM C07F007-08

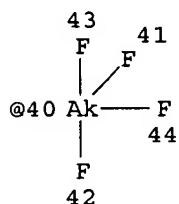
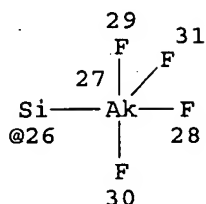
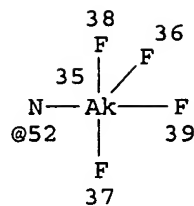
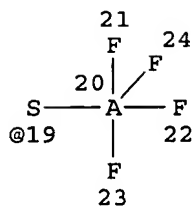
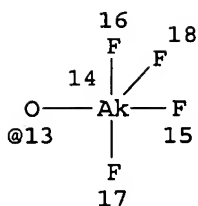
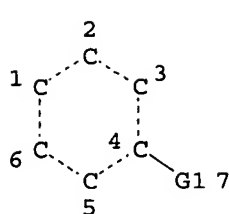
ICS C07B037-00; C07B061-00

CC 21-2 (General Organic Chemistry)

Section cross-reference(s): 35, 66

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10235225	B3	20040122	DE 2002-10235225	20020801
	WO 2004013068	A1	20040212	WO 2003-EP7592	20030714
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				



VAR G1=13/19/52/26/40

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC 4

NUMBER OF NODES IS 36

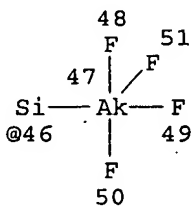
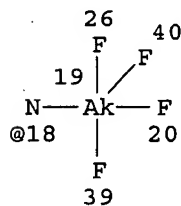
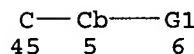
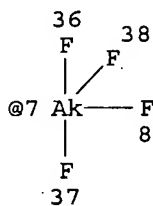
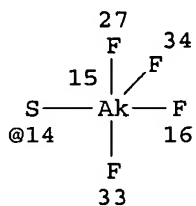
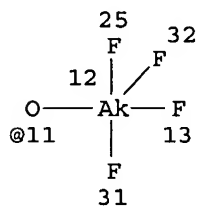
STEREO ATTRIBUTES: NONE

L70 2012368 SEA FILE=REGISTRY ABB=ON PLU=ON 46.150.18/RID AND F/ELS

L72 SCR 1044

L74 37805 SEA FILE=REGISTRY SUB=L70 SSS FUL L68 AND L36 AND L72

L88 STR



VAR G1=7/11/14/18/46

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

GGCAT IS MCY UNS AT 5

DEFAULT ECLEVEL IS LIMITED

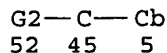
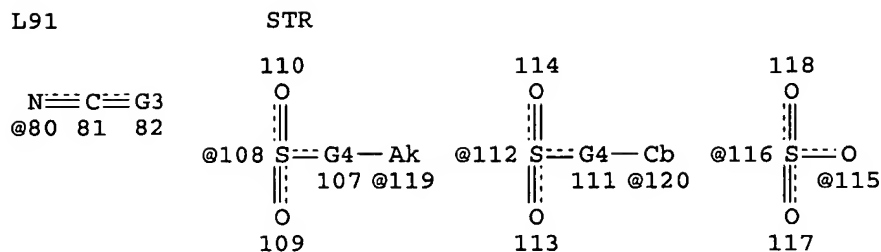
GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 32

STEREO ATTRIBUTES: NONE

L89 16283 SEA FILE=REGISTRY SUB=L74 SSS FUL L88



VAR G2=X/119/108/120/112/116/115/80/SH/OH/NH2

VAR G3=O/S

REP G4=(0-1) O

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

GGCAT IS MCY UNS AT 5

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

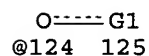
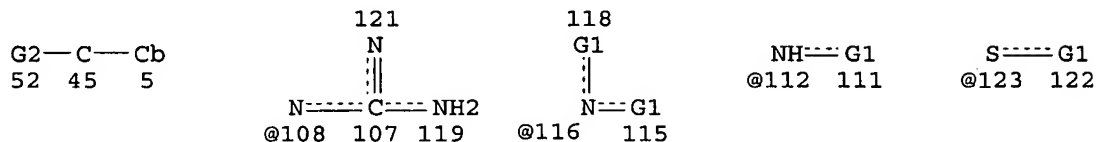
RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 20

STEREO ATTRIBUTES: NONE

L93 7961 SEA FILE=REGISTRY SUB=L89 SSS FUL L91

L94 STR



VAR G1=AK/CY

VAR G2=108/116/112/123/124

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

GGCAT IS MCY UNS AT 5

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 16

STEREO ATTRIBUTES: NONE

L96 4820 SEA FILE=REGISTRY SUB=L89 SSS FUL L94

L97 11342 SEA FILE=REGISTRY ABB=ON PLU=ON (L93 OR L96)

=> d his

(FILE 'HOME' ENTERED AT 06:54:13 ON 12 APR 2005)
SET COST OFF

ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2002:127034 CAPLUS
 DOCUMENT NUMBER: 137:32933
 TITLE: Perfluoro-tagged benzyloxycarbonyl protecting group
 and its application in fluorous biphasic systems
 AUTHOR(S): Schwinn, Dominik; Bannwarth, Willi
 CORPORATE SOURCE: Institut fur Organische Chemie und Biochemie,
 Universitat Freiburg, Freiburg, D-79104, Germany
 SOURCE: Helvetica Chimica Acta (2002), 85(1), 255-264
 CODEN: HCACAV; ISSN: 0018-019X
 PUBLISHER: Verlag Helvetica Chimica Acta
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 137:32933

AB The synthesis of a new perfluoro-tagged benzyloxycarbonyl protecting group
 is reported, as well as its application in the parallel protection of
 amines. Isolation of the protected amines was performed by simple
 liquid-liquid extraction between perfluorinated and organic solvents.

Deprotection

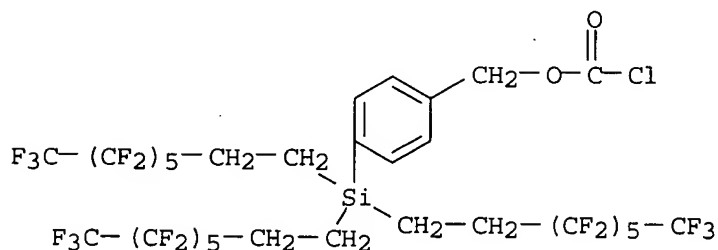
was achieved by standard hydrogenolysis. The novel protecting group was also
 applied to cyclization protocols leading to quinazoline-2,4-diones. These
 products were isolated by simple extraction procedures.

IT 436855-64-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (perfluoro-tagged benzyloxycarbonyl protecting group and its
 application in fluorous biphasic systems)

RN 436855-64-0 CAPLUS

CN Carbonochloridic acid, [4-[tris(3,3,4,4,5,5,6,6,7,7,8,8,8-
 tridecafluorooctyl)silyl]phenyl]methyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT